

Sequence alignment showing conservation and variation across different protein variants (83601399.q, AK100023.q, 24880008.q, 15236511.p, 15236515.p, 30681996.p, 1f3m_Paka, 39941174.y) and time points (1400 to 1990).

The alignment highlights conserved regions in blue and variable regions in red. A color scale at the top indicates hydrophobicity, ranging from blue (most hydrophobic) to red (most hydrophilic).

Key features include:

- Time Points:** 1400, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, 1580, 1590, 1600, 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700, 1710, 1720, 1730, 1740, 1750, 1760, 1770, 1780, 1790, 1800, 1810, 1820, 1830, 1840, 1850, 1860, 1870, 1880, 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990.
- Color Scale:** Blue (most hydrophobic), Green, Yellow, Orange, Red (most hydrophilic).